

PCT09

## RAW SEQUENCE LISTING

DATE: 10/29/2001

PATENT APPLICATION: US/09/857,128

TIME: 14:31:53

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Output Set: N:\CRF3\10292001\I857128.raw

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3 <110> APPLICANT: Aventis Pasteur Limited  
 4 Murdin et al.  
 6 <120> TITLE OF INVENTION: Chlamydia antigens and corresponding DNA fragments and uses  
 thereof  
 8 <130> FILE REFERENCE: 77813-2  
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/09/857,128  
 C--> 11 <141> CURRENT FILING DATE: 2001-10-29  
 13 <150> PRIOR APPLICATION NUMBER: US 60/110,427  
 14 <151> PRIOR FILING DATE: 1998-12-01  
 16 <150> PRIOR APPLICATION NUMBER: US 60/110,438  
 17 <151> PRIOR FILING DATE: 1998-12-01  
 19 <150> PRIOR APPLICATION NUMBER: US 60/110,339  
 20 <151> PRIOR FILING DATE: 1998-12-01  
 22 <150> PRIOR APPLICATION NUMBER: US 60/110,428  
 23 <151> PRIOR FILING DATE: 1998-12-01  
 25 <150> PRIOR APPLICATION NUMBER: US 60/110,340  
 26 <151> PRIOR FILING DATE: 1998-12-01  
 28 <160> NUMBER OF SEQ ID NOS: 27  
 30 <170> SOFTWARE: PatentIn Ver. 2.0  
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 47 Met Lys Thr Ser Ile  
 48 1 5  
 50 cct tgg gtt tta gtt tcc tcc gtg tta gct ttc tca tgt cac cta cag 163  
 51 Pro Trp Val Leu Val Ser Ser Val Leu Ala Phe Ser Cys His Leu Gln  
 52 10 15 20  
 54 tca cta gct aac gag gaa ctt tta tca cct gat gat agc ttt aat gga 211  
 55 Ser Leu Ala Asn Glu Glu Leu Leu Ser Pro Asp Asp Ser Phe Asn Gly  
 56 25 30 35  
 58 aat atc gat tca gga acg ttt act cca aaa act tca gcc aca aca tat 259  
 59 Asn Ile Asp Ser Gly Thr Phe Thr Pro Lys Thr Ser Ala Thr Thr Tyr  
 60 40 45 50  
 62 tct cta aca gga gat gtc ttc ttt tac gag cct gga aaa ggc act ccc 307  
 63 Ser Leu Thr Gly Asp Val Phe Phe Tyr Glu Pro Gly Lys Gly Thr Pro  
 64 55 60 65  
 66 tta tct gac agt tgt ttt aag caa acc acg gac aat ctt acc ttc ttg 355  
 67 Leu Ser Asp Ser Cys Phe Lys Gln Thr Thr Asp Asn Leu Thr Phe Leu  
 68 70 75 80 85  
 70 ggg aac ggt cat agc tta acg ttt ggc ttt ata gat gct ggc act cat 403  
 71 Gly Asn Gly His Ser Leu Thr Phe Gly Phe Ile Asp Ala Gly Thr His

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79	Gly Phe Ser Leu Leu Ser Phe Asp Ser Ser Pro Ser Thr Thr Val Thr						
80		120		125		130	
82	aca ggt cag gga acg ctt tcc tca gca gga ggc gta aat tta gaa aat						547
83	Thr Gly Gln Gly Thr Leu Ser Ser Ala Gly Gly Val Asn Leu Glu Asn						
84		135		140		145	
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92		170		175		180	
94	ctt ttt agt aac aac tct tca tca aca aag gga gga gca att gct act						691
95	Leu Phe Ser Asn Asn Ser Ser Ser Thr Lys Gly Gly Ala Ile Ala Thr						
96		185		190		195	
98	aca gca ggc gct cgc ata gca aat aac aca ggt tat gtt aga ttc cta						739
99	Thr Ala Gly Ala Arg Ile Ala Asn Asn Thr Gly Tyr Val Arg Phe Leu						
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132	Ser Ala Glu Thr Gly Asn Ile Thr Phe Val Arg Asn Thr Leu Thr Thr						
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144 Phe Tyr Asp Pro Ile Thr Ser Glu Gly Thr Ser Ser Asp Val Leu Lys
145          375          380          385
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148 Ile Asn Asn Gly Ser Ala Gly Ala Leu Asn Pro Tyr Gln Gly Thr Ile
149 390          395          400          405
151 cta ttt tct gga gaa acc cta aca gca gat gaa ctt aaa gtt gct gac 1363
152 Leu Phe Ser Gly Glu Thr Leu Thr Ala Asp Glu Leu Lys Val Ala Asp
153          410          415          420
155 aat tta aaa tct tca ttc acg cag cca gtc tcc cta tcc gga gga aag 1411
156 Asn Leu Lys Ser Ser Phe Thr Gln Pro Val Ser Leu Ser Gly Gly Lys
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159 tta ttg cta caa aag gga gtc act tta gag agc acg agc ttc tct caa 1459
160 Leu Leu Leu Gln Lys Gly Val Thr Leu Glu Ser Thr Ser Phe Ser Gln
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165          455          460          465
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180 Ile Tyr Glu Ser His Met Phe Ser His Asp Gln Leu Phe Ser Leu Leu
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235	gtc	caa	gtt	tcg	ttc	agc	cat	tca	gac	aac	cgt	atg	gaa	acg	cac	tat	2371
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277          905          910          915
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L:10 M:270 C: Current Application Number differs, Replaced Current Application Number

L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date